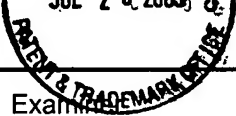


TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
S-100,810

In Re Application Of: Gerard L. Hofman, et al.

JUL 26 2005



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/660,592	9/12/2003	LIN, Fuang Y.	31970	1725	N/A

Title: METHOD FOR FABRICATING URANIUM FOILS AND URANIUM ALLOY FOILS

COMMISSIONER FOR PATENTS:

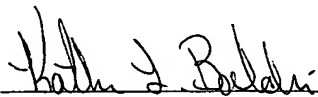
Transmitted herewith is:

Petition to Accept Color Photographs under 37 CFR §1.84(a)(2) and (b)(2)
w/3 sets of color photographs AND 1 copy in black and white for Figs. 6 & 7

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 01-2752 as described below.
- ☒ Charge the amount of \$130.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



Signature

Dated: July 26, 2005

Katherine L. Baldwin
Authorized Signature for Deposit Account 01-2752
U.S. Department of Energy
202-586-2810
FAX 202-586-7127



31970

PATENT TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc: CHI/MLaM



S-100,810

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gerard K Hofman et al.
Serial No. : 10/660,592
Filed : September 12, 2003
Title : METHOD FOR FABRICATING URANIUM FOILS AND URANIUM ALLOY FOILS
Art Unit : 1725
Examiner : Fuang Y. Lin
DOE Case : S-100,810
Customer No. : 31970



31970

PATENT TRADEMARK OFFICE

**PETITION TO ACCEPT COLOR PHOTOGRAPHS
UNDER 37 C.F.R. § 1.84(a)(2) and (b)(2)**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This petition is for the acceptance of color photographs under 37 C.F.R. § 1.84(a)(2) and (b)(2). Attached hereto are three (3) sets of color photographs and one set of black and white photographs of the color photos. Please amend the specification by inserting the following language as the first paragraph of the specification beginning a Brief Description of the Drawings starting at the bottom of page 3 line 24 and continuing through the top of page 4:

The patent or application file contains at least one drawing executed in color. Copies of this patent with color drawings will be provided by the Patent and Trademark Office upon request and payment of the necessary fee.

07/27/2005 MBEYENE2 00000073 012752 10660592

02 FC:1464 130.00 DA

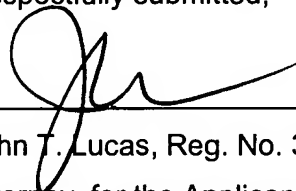
Attached hereto are marked-up and substitute sections of a page illustrating the amendment to the specification and how the amended specification would appear with the above noted changes.

The use of color photographs is necessary for Figs. 6 and 7 of the instant application to clearly illustrate the detail within the invention and the effect of the process on the foil sample. The color photographs submitted with this patent application, clearly illustrate the present invention.

The Applicants request that this petition be approved and the attached color photographs be made available with the patent, upon request.

The petition fee of \$130 required to waive the requirements of 37 C.F.R. § 1.84 is included herewith as a separate attachment.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'John T. Lucas', written over a horizontal line.

John T. Lucas, Reg. No. 36860
Attorney for the Applicants

If you have any questions, please contact
Mark F. LaMarre, Registration No. 34,856
Telephone (630) 252-2177

Dated: July 26, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/660,592

Filed : September 12, 2003

The following is a marked-up version of the amended specification, in conjunction with the petition to accept color photographs under 37 C.F.R. § 1.84(a)(2) and (b)(2), showing the changes to the specification.

Brief Description of the Drawings

[0010a] The patent or application file contains at least one drawing executed in color. Copies of this patent with color drawings will be provided by the Patent and Trademark Office upon request and payment of the necessary fee.

~~{0010}~~**[0010b]** FIG. 1 is a longitudinal cross-sectional view of a differential thermal expansion target for the production of the isotope ⁹⁹Mo;

[0011] FIG. 2 is a horizontal cross-sectional view of the target illustrated in Fig. 1;

[0012] FIG. 3. is an illustration of a partially disassembled surrogate Mo-99 target assembly;

[0013] FIG. 4 is an illustration of the resistance annealing process;

[0014] FIG. 5 is an illustration of the equipment used in the resistance annealing process;

[0015] FIG. 6 is U-10% Mo foil made in accordance with this invention; and

[0016] FIG. 7 is a U-10% Mo coupon made in accordance with this invention.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/660,592

Filed : September 12, 2003

The following is a replacement version of the amended specification, in conjunction with the petition to accept color photographs under 37 C.F.R. § 1.84(a)(2) and (b)(2), showing how the specification would appear after amendment.

Brief Description of the Drawings

[0010a] The patent or application file contains at least one drawing executed in color. Copies of this patent with color drawings will be provided by the Patent and Trademark Office upon request and payment of the necessary fee.

[0010b] FIG. 1 is a longitudinal cross-sectional view of a differential thermal expansion target for the production of the isotope ^{99}Mo ;

[0011] FIG. 2 is a horizontal cross-sectional view of the target illustrated in Fig. 1;

[0012] FIG. 3. is an illustration of a partially disassembled surrogate Mo-99 target assembly;

[0013] FIG. 4 is an illustration of the resistance annealing process;

[0014] FIG. 5 is an illustration of the equipment used in the resistance annealing process;

[0015] FIG. 6 is U-10% Mo foil made in accordance with this invention; and

[0016] FIG. 7 is a U-10% Mo coupon made in accordance with this invention.